

Analysis of a reconfigurable non-isolated DC-DC converter for DC microgrid applications

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Analysis of design requirements and optimization possibilities of partial power converter for photovoltaic string applications in DC microgrids

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Analysis of holdup time for DC grid-forming isolated active front-end converters

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Black start and fault tolerant operation of isolated matrix converter for DC microgrids

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Concept of wireless low-voltage DC socket for the residential house application

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DC grid interface converter based on three-phase isolated matrix topology with phase-shift modulation

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Design considerations of dual-active bridge DC grid-forming converter for DC buildings

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